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.229	478 NO.	920.	GOUNTY	SHEETS	sought no.
L	*		Williamson	917	793 A
P.S	S. DOAD	B197,100. 7	MAJMON PROJECT		

*I-57 \$ OLD IL 13

ILLINOIS DEPARTMENT OF TRANSPORTATION LUMINAIRE PERFORMANCE TABLE

GIVEN CONDITIONS

ROADWAY DATA:	Pavement Width	24 FT
ROADWAY DATA:	Number Of Lanes	2
	Median Width	18 FT
	IES Surface Classification	R3
		.07
	Q-Zero Value	
		45 FT
LIGHT POLE DATA:	Mounting Height	15 FT
	Mast Arm Length	
	Pole Set-Back From Edge Of Pavement	20FT
LUMINAIRE DATA:	Lamp Type Lamp Lumens IES Vertical Distribution IES Control Of Distribution IES Lateral Distribution Total Light Loss Factor	HPS 28,000 M FC III 0.684
LAYOUT DATA:	Spacing Configuration Luminaire Overhang Over Edge Of Pavement Lane	175 FT OPP. -5 FT

NOTE: Variations from the above specified IES distribution pattern may be requested and acceptance of variations will be subject to review by the Engineer based on how well the performance requirements are met.

PERFORMANCE REQUIREMENTS

NOTE: These performance requirements shall be the minimum acceptable standards of photometric performance for the luminaire, based on the given conditions listed above.

ILLUMINATION:	Average Horizontal Uniformity Ratio, (Average Horizontal Illumination, (E _{Ave}) Uniformity Ratio, (E _{Ave} /E _{Min}) Average Luminance: (L _{Ave}) Uniformity Ratios: (L _{Ave} /L _{Min})		Lux
LUMINANCE:				Cd/m²
	Maximum Veiling	(Lu/Laur)	0.3	

ILLINOIS DEPARTMENT OF TRANSPORTATION UNDERPASS LUMINAIRE PERFORMANCE TABLE

GIVEN CONDITIONS

ROADWAY DATA:	Pavement Width	24 FT
	Number Of Lanes	18 FT
	Median Width	R3
	IES Surface Classification	.07
	Q-Zero Value	
	Mounting Height	16 FT
MOUNTING DATA:	Set-Back From Edge Of Pavement	7.5 FT
	Mounting Type	Pier
	Mounting Type	
LUMINAIRE DATA:	Lamp Type	HPS
LUMINAINE DATA.	Lamp Lumens	16,000
	IES Vertical Distribution	8
	IES Control Of Distribution	NC
	IES Lateral Distribution	IV
	Maximum Candela Angle	75 DEG
	Total Light Loss Factor	0.684
		50 FT
LAYOUT DATA:	Spacing	
	Configuration	1 side only

NOTE: Variations from the above specified IES distribution pattern may be requested and acceptance of variations will be subject to review by the Engineer based on how well the performance requirements are met.

PERFORMANCE REQUIREMENTS

NOTE: These performance requirements shall be the minimum acceptable standards of photometric performance for the luminaire, based on the given conditions listed above.

ILLUMINATION:		Average Horizontal Illumination, (E _{Ave}) Uniformity Ratio, (E _{Ave} /E _{Min}) Average Luminance: (L _{Ave}) Uniformity Ratios: (L _{Ave} /L _{Alin})		Lux
LUMINANCE:	Uniformity Ratios:			Cd/m ²
	Maximum Veiling Luminance Ratio:	(L _V /L _{Ave})	0.3	

ILLINOIS DEPARTMENT OF TRANSPORTATION LUMINAIRE PERFORMANCE TABLE

GIVEN CONDITIONS

ROADWAY DATA:	Pavement Width	36	FT
ROADWAT DATA.	Number Of Lanes	3	
	Median Width	40	FT
	IES Surface Classification		R3
	Q-Zero Value		.07
LIGHT POLE DATA:	Mounting Height	50	FT
LIGHT FOLL DATA:	Mast Arm Length	15	FT
	Pole Set-Back From Edge Of Pavement	20	FT
LUMINAIRE DATA:	Lamp Type	HPS	
LUMBARE DATA.	Lamp Lumens	28.00	00
	IES Vertical Distribution	M	
	IES Control Of Distribution	FC	
	iES Lateral Distribution	111	
	Total Light Loss Factor	0,684	4
	•	295	FT
LAYOUT DATA:	Spacing	OPP	
	Configuration	UFF	
	Luminaire Overhang Over Edge	-5	FT

NOTE: Variations from the above specified IES distribution pattern may be requested and acceptance of variations will be subject to review by the Engineer based on how well the performance requirements are met.

PERFORMANCE REQUIREMENTS

NOTE: These performance requirements shall be the minimum acceptable standards of photometric performance for the luminaire, based on the given conditions listed above.

•			
ILLUMINATION:	Average Horizontal Illumination, (E _{Ave})	9	Lux
ILLUMINATION.	Uniformity Ratio, (E _{Ave} /E _{Min})	3	
 LUMINANCE:	Average Luminance: (L _{Ave})	0.6	Cd/i
LUMINANCE:	Uniformity Ratios: (LAve/LMin)	3.5	
	(L _{Max} /L _{Min})	6.0	
	Maximum Veiling		
	Luminance Ratio: (L./Ls)	0.3	

LIGHTING DETAILS
PERFORMANICE TABLES

I-57 & OLD IL 13 WILLIAMSON COUNTY